§ 108.425 Fire hoses and associated equipment.

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(b) Each fire hose coupling must—

(1) Be made of brass, bronze, or material that has corrosion resistant properties at least equal to those of brass or bronze; and

(2) Have 9 National Standard Firehose Coupling (NSFC) threads per inch for 1½ inch hose or 7½ NSFC threads per inch for 2½ inch hose.

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§ 108.427 International shore connection.

A fire main system on a unit in international service must have—

(a) At least one international shore connection that meets ASTM F–1121.

(b) A cutoff valve and check valve for each connection; and

(c) Facilities available enabling the connection to be used on either side of the unit.

[CGD 73–251, 43 FR 56808, Dec. 4, 1978, as amended by CGD 88–032, 56 FR 35826, July 29, 1991]

§ 108.429 Fire main system protection.

(a) Each pipe and fire hydrant in a fire main system must be installed to the extent practicable in locations that are not exposed to damage by materials that are moved on or onto the deck.

(b) Each part of the fire main system located on an exposed deck must either be protected against freezing or be fitted with cutout valves and drain valves to shut off and drain the entire exposed system in freezing weather.

AUTOMATIC SPRINKLING SYSTEMS

§ 108.430 General.

Automatic Sprinkler Systems shall comply with NFPA 13–1996.

[CGD 95–028, 62 FR 51208, Sept. 30, 1997]

EFFECTIVE DATE NOTE: By CGD 95–028, 62 FR 51208, Sept. 30, 1997, an undesignated centerhead and § 108.430 were added, effective Oct. 30, 1997.

FIXED CARBON DIOXIDE FIRE EXTINGUISHING SYSTEMS

§ 108.431 Carbon dioxide systems: General.

(a) Sections 108.431 through 108.457 apply to high pressure carbon dioxide fire extinguishing systems.

(b) Low pressure systems, that is, those in which the carbon dioxide is stored in liquid form at low temperature, must be approved by the Commandant.

(c) Each carbon dioxide system cylinder must be fabricated, tested, and marked in accordance with §§ 147.60 and 147.65 of this chapter.

[CGD 73–251, 43 FR 56808, Dec. 4, 1978, as amended by CGD 84–044, 53 FR 7749, Mar. 10, 1988]

§ 108.433 Quantity of CO_2: General.

Each CO_2 system must have enough gas to meet the quantity requirements of § 108.439 for the space requiring the greatest amount of CO_2.

§ 108.435 CO_2 for enclosed ventilation systems for rotating electrical equipment.

(a) The number of pounds of CO_2 required for the initial charge to protect enclosed ventilation systems for rotating electrical equipment must be equal to the gross volume measured in cubic feet of the system divided by—

(1) 10 systems having a volume less than 57 cubic meters (2,000 cubic feet), or

(2) 12 for systems having a volume of 57 cubic meters (2,000 cubic feet) or more.

(b) In addition to the CO_2 required for the initial charge, the system must have enough CO_2 for delayed charges to maintain at least a 25 percent concentration until the equipment can be stopped, unless the initial charge is enough to maintain a 25 percent concentration.

EFFECTIVE DATE NOTE: By CGD 95–028, 62 FR 51208, Sept. 30, 1997, § 108.435 was removed, effective Oct. 30, 1997.